MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

APRIL, 1936

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

APRIL 1936

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	61.2	61.7	62.1	61.7	19.6	13.3	14.7	18.0	14.9	15.9
2	2.8	2.9	3.0	2.9	19.6	12.3	15.1	13.6	13.2	14.0
3	3.7	3.5	4.0	3.7	20.4	12.5	17.6	19.8	14.5	17.3
4	4.0	2.9	2.9	3.3	20.3	13.3	17.8	19.8	15.3	17.6
5	2.5	1.8	2.6	2.3	21.1	13.3	17.7	20.8	15.3	17.9
6	62.1	61.4	60.2	61.2	21.1	14.6	18.4	19.8	16.1	18.1
7	58.9	58.4	0.0	59.1	22.1	14.4	18.3	20.9	16.9	18.7
8	62.9	63.7	5.2	63.9	22.5	15.0	18.1	21.7	17.1	19.0
9	4.9	4.3	4.6	4.6	22.7	15.6	19.9	22.0	17.1	19.7
10	3.0	1.6	1.4	2.0	23.9	17.0	20.9	23.0	18.7	20.9
11	59.5	57.2	55.7	57.5	25.6	21.1	21.9	24.1	22.1	22.7
12	3.0	1.7	49.4	1.4	34.7	17.9	27.9	31.6	23.8	27.8
13	3.9	4.0	54.6	4.2	24.1	14.3	20.8	22.7	17.7	20.4
14	6.6	7.8	9.5	8.0	22.4	15.2	18.7	21.4	17.4	19.2
15	60.1	9.7	8.1	9.3	23.2	16.9	20.1	22.7	17.5	20.1
16	58.9	59.6	60.8	59.8	23.1	15.6	20.7	22.5	18.0	20.4
17	61.2	61.1	1.5	61.3	22.8	15.8	20.2	21.9	17.0	19.7
18	59.2	57.2	55.6	57.3	25.4	16.5	20.4	22.8	19.5	20.9
19	8.0	9.7	61.7	9.8	23.7	16.1	22.2	22.1	17.7	20.7
20	62.5	62.3	3.0	62.6	23.0	13.9	18.8	22.3	16.2	19.1
21	63.3	62.5	62.1	62.6	23.7	16.6	19.4	21.0	18.3	19.6
22	59.9	58.6	56.9	58.5	29.5	21.9	22.4	28.9	28.7	26.7
23	7.6	8.2	9.1	8.3	34.0	21.9	27.2	26.4	25.6	26.4
24	8.0	7.1	6.5	7.2	37.3	17.8	31.5	28.0	23.1	27.5
25	61.0	61.1	61.8	61.3	24.0	15.6	21.5	23.1	18.1	20.9
26	60.7	59.3	58.2	59.4	23.2	17.6	20.8	22.3	18.3	20.5
27	57.6	7.4	8.0	7.7	23.5	15.3	19.0	21.6	18.4	19.7
28	7.4	7.1	7.6	7.4	24.1	14.4	20.5	21.9	18.1	20.2
29	8.5	8.3	8.7	8.5	23.0	14.6	20.0	22.7	18.2	20.3
30	8.7	9.0	9.9	9.2	23.1	15.4	20.3	22.6	17.1	20.0
	760.05	759.70	759.82	759.86	24.22	16.19	20.43	22 40	18.33	20.39

Barometer, range for month 749.4 mm. –765.2 mm.
„ 50-yr. average for month 760.038 mm.
Thermometer, Range for month 12.3° C.—37.3° C.
„ 50-yr. average for month 18.90° C.
Rain, total for month 73.228 mm.
„ , 50-yr. average for month 55.88 mm
„ , total, Sept. 1st to end of month 851.368 mm.
50-yr. average, Sept 1st to end of month 881.90 mm.

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	13.2	14.4	12.3	10.4	10.1	9.1	9.9	83	65	73	73.7	6.0	22.505
2	13.8	13.1	11.9	10.9	11.0	9.7	10.5	86	95	85	88.7	2.1	7.239
3	14.3	16.2	12.7	10.1	11.5	9.8	10.5	69	66	79	71.3	11.7	5.588
4	15.2	16.5	13.3	11.2	11.9	10.1	11.0	74	70	78	74.0	9.8	
5	14.8	16.5	13.9	10.7	11.3	10.9	11.0	71	62	84	72.3	10.7	
6	15.6	17.0	14.2	11.4	12.6	10.8	11.6	73	73	80	75.3	8.0	
7	15.6	17.7	15.7	11.4	12.9	12.4	12.2	73	71	86	76.7	7.0	
8	15.7	17.9	15.9	11.8	12.7	12.6	12.4	77	66	87	76.7	8.0	
9	16.6	19.2	16.2	11.9	14.6	13.1	13.2	69	74	91	78.0	9.3	
10	18.1	20.1	16.4	13.4	15.3	12.3	13.7	73	73	77	74.3	9.8	
11	20.0	21.0	17.7	15.9	16.2	12.3	14.8	81	72	62	71.7	11.3	
12	20.1	21.2	17.7	12.5	12.9	11.4	12.3	44	39	52	45.0	4.6	
13	19.2	19.7	15.8	15.2	14.9	12.2	14.1	83	73	81	79.0	5.3	
14	17.1	18.1	15.6	13.4	13.1	12.0	12.8	84	69	81	78.0	11.8	15.697
15	17.5	19.7	16.3	13.1	14.8	13.0	13.6	75	72	87	78.0	11.1	
16	17.6	19.2	16.8	12.8	14.2	13.4	13.4	71	70	87	76.0	9.5	
17	17.8	18.7	16.2	13.4	13.7	13.1	13.4	76	69	91	78.7	10.9	
18	18.4	19.4	18.5	14.3	14.3	15.1	14.6	80	70	89	79.7	2.4	
19	20.5	19.1	14.4	16.6	14.3	10.2	13.7	84	72	68	74.7	9.1	
20	15.3	17.3	13.3	10.7	11.6	9.7	10.7	68	56	71	65.0	9.5	
21	15.4	17.5	16.8	10.6	12.6	13.3	12.2	63	69	85	72.3	9.8	
22	19.1	19.0	18.2	14.1	10.7	9.9	11.6	70	36	34	46.7	9.0	
23	20.4	20.1	19.7	13.4	13.3	13.3	13.3	49	52	55	52.0	6.8	
24	21.5	22.0	18.8	12.8	15.4	13.4	13.9	37	55	64	52.0	8.3	
25	16.5	18.1	15.3	11.0	12.2	11.2	11.5	57	58	73	62.7		
26	17.2	18.1	16.1	12.2	12.6	12.2	12.4	67	63	78	69.3		
27	16.3	17.9	15.4	12.0	12.8	10.8	11.8	74	67	71	70.7		
28	17.1	17.9	15.8	12.3	12.6	11.9	12.3	88	64	78	76.7		
29	17.5	18.8	15.9	13.2	13.6	12.0	12.9	76	67	78	73.7		12.725
30	17.8	19.3	15.8	13.3	14.3	12.6	13.4	75	71	86	77.3		9.474
				12.53	13.13	11.79	12.48	71.67	65.97	76.37	71.34	8.37	2.441

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

APRIL 1936

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	10stcu	8cu	10stni	9.3	2sw	2sw	1sw	374.8	mod.	thin F. a.m.
2	10stcu	10ni	4stcu	8.0	0	0	0	225.0	„	F. a.m. p.m.
3	1cu	4cu	0	1.7	1w	1w	0	88.0	slight	thin M. a.m.
4	1cu	2stcu	9stcu	4.0	1s	1sw	0	28.7	calm	
5	2cu	1cu	0	1.0	1w	1w	0	15.1	„	
6	5cicu	10ci	10ci	8.3	1s	2w	0	316.5	slight	
7	4cu	10stcu	1cu	5.0	2w	1w	0	157.7	light	
8	10stci	2ci	10ci	7.3	0	0	0	18.0	slight	F. p.m.
9	10ci	0	0	3.3	0	1w	0	53.1	„	thin M. a.m.
10	0	10ci	1ci	3.7	0	1s	1e	67.9	„	„ „ „
11	0	0	1ci	0.3	1w	2n	2n	95.1	calm	„ „ „
12	7ci	6ci	7ci	6.7	0	2s	3s	308.9	„	„ „ „ F. p.m.
13	6stcu	5stcu	1cu	4.0	3s	2s	1s	498.9	light	F. a.m., p,m. tr. g.
14	1cu	2cu	0	1.0	1w	1w	1sw	133.6	mod.	
15	2ci	5cu	0	2.0	2sw	2sw	0	565.4	„	thin M. a.m.
16	1cu	2cu	2stcu	1.7	1s	1sw	1s	364.3	light	F. a.m. p.m. eve.
17	0	10ci	0	3.3	1w	2w	0	247.2	„	thin F. a.m. p.m.eve.
18	10st	10st	3cu	7.7	0	1s	0	28.7	slight	F. a.m.
19	9st	6cu	1cu	5.3	1sw	2sw	1sw	417.0	light	F. p.m.
20	8stcu	1cu	0	3.0	1s	1s	1s	230.1	mod.	
21	5ci	10cicu	1cu	5.3	1e	3s	1n	142.7	„	
22	9ci	10ci	0	6.3	1s	0	1s	66.8	light	thin M. a.m.
23	10ci	10stci	0	6.7	3e	2e	0	415.1	mod.	Sirocco
24	10st	0	1cu	3.7	1e	1s	1s	276.5	slight	„
25	1cu	1cu	0	0.7	1n	2w	0		mod.	
26	5ci	3ci	2cu	3.3	1n	1n	0		„	
27	10st	10st	8st	9.3	0	1w	1w		light	
28	2cu	4stcu	4cu	3.3	1sw	0	0		slight	
29	4cu	3cu	10stni	5.7	1n	1s	0		light	L. T. eve.
30	1cu	1cu	0	0.7	1w	1w	0		slight	tr. p.m. eve.
					32	38	16			
				4.39	1.1	1.3	0.5	213.96		

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NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	3	0	3	0	6	4	7	0	7	30
14:30	2	0	1	0	8	5	10	0	4	30
20:30	2	0	1	0	6	3	1	0	17	30
Totals	7	0	5	0	20	12	18	0	28	90

Number of days with rain 6, fog 9, thunderstorms 1, gales 1.

50-yr. average number of days with rain during month 6.3

Abbreviations used in "Notes"; Fog (F), Mist (M), Gale (G), Lightning (L), Thunder (T), Trace of rain (tr.).